

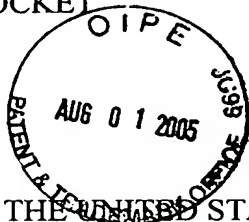
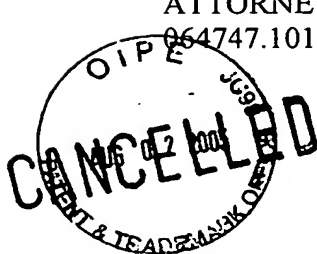
Ifc

8-3-05

ATTORNEY DOCKET  
064747.1017

PATENT APPLICATION  
10/825,021

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shannon V. Davidson et al.  
Serial No.: 10/825,021  
Filing Date: April 15, 2004  
Title: System and Method for Topology-Aware Job Scheduling and Backfilling in an HPC Environment

Mail Stop: Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Dear Sir:

CERTIFICATE OF MAILING  
BY EXPRESS MAIL  
Exp. Mail Receipt No. EV 733636880 US

I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

*Willie Jiles*

Willie Jiles

Date: August 1, 2005

### INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, under 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of all references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that these references are material to the patentability, or that these references qualify as prior art.

ATTORNEY DOCKET  
064747.1017

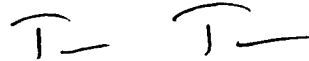
PATENT APPLICATION  
10/825,021

2

**REMARKS**

Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than thirty days prior to the filing of this Information Disclosure Statement, and this Information Disclosure Statement is submitted before a first Office Action on the merits. Under 37 C.F.R. § 1.97(b)(3), no fee is due. Nonetheless, the Commissioner is hereby authorized to charge any fee and credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicants

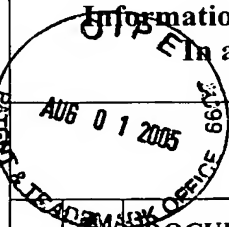


Travis W. Thomas  
Reg. No. 48,667

Date: August 1, 2005

Correspondence Address:

**Customer Number 45507**

PTO-1449		Application No. 10/825,021		Applicant(s) Shannon V. Davidson et al.		
<b>Information Disclosure Citation in an Application</b> 		Docket Number 064747.1017		Group Art Unit	Filing Date April 15, 2004	
		<b>U.S. PATENT DOCUMENTS</b>				
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						
B						
C						
D						
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>NON-PATENT DOCUMENTS</b>						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
E	Communication from the European Patent Office, European Search Report for Application No. EP 05 25 2235, 3 pages, 07/22/2005, 3 pages					07/22/2005
F	Rzymianowicz et al., "Clustering SMP Nodes with the ATOLL Network: A Look into the Future of System Area Networks," Proceedings of High Performance Computing, 8th International Conference, May 8, 2000, 10 pages					05/08/2000
G	Bhanot et al., "The BlueGene/L Supercomputer," 20th International Symposium on Lattice Field Theory," vol. 119, June 2002, 8 pages					06/2002
H	Advanced Micro Devices et al., "Hypertransport Technology I/O Link - A High-Bandwidth I/O Architecture," July 20, 2001, pp. 1-25					07/20/2001
I	Pinkston et al., "InfiniBand: The "De Facto" Future Standard for System and Local Area Networks or Just a Scalable Replacement for PCI Buses?," Cluster Computing-Kluwer Academic Publishers, vol. 6, no. 2, 2003					2003
J	Culler et al., "Parallel Computer Architecture - A Hardware/Software Approach, Interconnection Network Design," Morgan Kaufmann, 1999, 30 pages					1999
EXAMINER				DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

U.S. PATENT AND TRADEMARK OFFICE